

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 01013.0327.PC	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/EP 03/14159	International filing date (day/month/year) 12/12/2003	(Earliest) Priority Date (day/month/year) 13/12/2002
Applicant BOMBARDIER TRANSPORTATION GMBH		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/14159

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B61F5/30 B61F5/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B61F B60G F16F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal; WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 073 119 A (SILENTBLOC) 2 March 1983 (1983-03-02) page 5, line 26 - page 9, line 20; figures 1-5	1, 14, 16
A		5-13, 15, 17
X	GB 1 037 298 A (SIMMERING GRAZ PAUKER AG) 27 July 1966 (1966-07-27) page 1, line 84 - page 2, line 130; figures 1, 2	1, 14, 16
A		5-13, 15, 17
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

26 April 2004

Date of mailing of the international search report

03/05/2004

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International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 144 693 A (BUDD CO) 13 March 1985 (1985-03-13) page 1, line 60 - page 2, line 39; figures 1-4	1,14,16
A	-----	5-7,15, 17
A	US 5 001 989 A (MULCAHY HARRY W ET AL) 26 March 1991 (1991-03-26) column 2, line 26 - column 3, line 35; figures 1,2	1-4,14
A	-----	1,5-9,14
A	GB 1 265 642 A (SCHWEIZERISCHE WAGGONS- UND AUFZÜGEFABRIK AG) 1 March 1972 (1972-03-01) page 1, line 41 - page 2, line 60; figures 1-3	1,5-17
A	-----	
A	EP 0 624 505 A (ABB DAIMLER BENZ TRANSP) 17 November 1994 (1994-11-17) column 2, line 13 - line 54; figures 1-3	

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

ST/EP 03/14159

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0073119	A	02-03-1983	GB 2104182 A	02-03-1983
			EP 0073119 A1	02-03-1983
GB 1037298	A	27-07-1966	AT 242189 B	10-09-1965
			DE 1199333 B	26-08-1965
			BE 648295 A	23-11-1964
			BE 648895 A	
			CH 416756 A	15-07-1966
			CH 415727 A	30-06-1966
			DE 1455178 A1	27-03-1969
			FR 1396942 A	23-04-1965
			FR 1394668 A	02-04-1965
			GB 1043105 A	21-09-1966
			NL 6405734 A	23-11-1964
			NL 6405937 A	08-12-1964
			SE 311542 B	16-06-1969
GB 2144693	A	13-03-1985	AU 578619 B2	03-11-1988
			AU 3130284 A	14-02-1985
			BR 8403974 A	09-07-1985
			CA 1221272 A1	05-05-1987
			DE 3428957 A1	21-02-1985
			FR 2550504 A1	15-02-1985
			JP 60067258 A	17-04-1985
			PT 79053 A ,B	01-09-1984
			US 4932330 A	12-06-1990
			ZA 8405765 A	30-10-1985
US 5001989	A	26-03-1991	NONE	
GB 1265642	A	01-03-1972	AT 302408 B	10-10-1972
			BE 759028 A1	17-05-1971
			CH 509902 A	15-07-1971
			DE 2056698 A1	27-05-1971
			FR 2069587 A5	03-09-1971
EP 0624505	A	17-11-1994	DE 4315568 A1	17-11-1994
			AT 154785 T	15-07-1997
			CZ 9401140 A3	15-12-1994
			DE 59403209 D1	31-07-1997
			DK 624505 T3	21-07-1997
			EP 0624505 A1	17-11-1994
			ES 2102721 T3	01-08-1997
			FI 942136 A	11-11-1994
			HU 3833 A1	28-11-1997
			KR 190487 B1	01-06-1999
			NO 941323 A ,B,	11-11-1994
			PL 173498 B1	31-03-1998
			ZA 9403192 A	09-11-1995

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